DETAILED ACTION

This office action is in response to the communication filed on 09/08/2009.

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with applicant's representative Michael Van Loy on 09/24/2009.

The claims have been amended as follows:

7. (Currently Amended) A computer-implemented method for transmitting a message from a sending application through an application integration system, the method comprising:

determining, at a routing module of an application integration system that is implemented on one or more processors, an identity of a receiving application of the message, the application integration system utilizing an application integration system file format;

determining, at a mapping module of the application integration system, a receiving application file format used by the receiving application;

sending the identity, of the receiving application of the message and the file format used by the receiving application to the sending application in response to a polling received from the sending application at the application integration system;

wrapping, at the application integration system, the message in a markup language file envelope if the receiving application file format is identical to a sending application file format used by the sending application, the wrapping comprising adding a message header in the application integration system file format while leaving the message content unchanged and without mapping or converting the message content according to the application integration system file format;

converting, at the application integration system, the message to the application integration system file format if the receiving application file format differs from the sending application file format; and

routing either the markup language file envelope with the message or the converted message through the application integration system to the receiving application;

wherein the markup language corresponds to extensible markup language (XML).

20. (Currently Amended) A method comprising:

polling, by a first adapter of a sending application, a routing module and a mapping module of an integration server, the sending application sending a message to a receiving application, the message comprising message content in an original

message format, the integration server being implemented on one or more processors and utilizing one or more open standard file formats, the polling comprising a request for an identity of the receiving application from the routing module and for a receiving application file format used by the receiving application from the mapping module;

wrapping, at the first adapter, the message in a markup language file envelope that corresponds to one of the one or more open standard file formats of the integration server if the receiving application file format is identical to a sending application file format used by the sending application, the wrapping comprising adding a message header in the one of the one or more open standard file formats of the integration server while leaving the message content unchanged and without mapping or converting the message content to a file according to any of the one or more open standard file formats of the integration server;

sending the message in the markup language file envelope to a second adapter of the receiving application via one or more pipeline services on the integration server; the one or more pipeline services utilizing the message header for logical routing of the message;

unwrapping the message from the markup language file envelope at the second adapter; and

passing the message content to the receiving application substantially in the original message format; wherein the markup language corresponds to extensible markup language (XML).

21. (Currently Amended) A system comprising:

an integration server implemented on one or more processors, the integration server comprising a routing module and a mapping module and utilizing one or more open standard file formats; and

a sending application comprising a first adapter, the first adapter polling the routing module and the mapping module to determine an identity of a receiving application for a message sent from the sending application and a receiving application file format used by the receiving application, the identity being determined from the routing module and the receiving application file format being determined from the mapping module, the message comprising message content in an original message format, the first adapter wrapping the message in a markup language file envelope that corresponds to one of the one or more open standard file formats of the integration server if the receiving application file format is identical to a sending application file format used by the sending application, the wrapping comprising adding a message header in the one of the one or more open standard file formats of the integration server while leaving the message content unchanged and without mapping or converting the message content according to any of the one or more open standard file formats of the integration server, the first adapter sending the message in the markup language file envelope to a second adapter of the receiving application via one or more pipeline services on the integration server; the one or more pipeline services utilizing the message header for logical routing of the message; wherein the markup language corresponds to extensible markup language (XML).

25. (Currently Amended) The method in accordance with claim 23, further comprising: accessing the integration directory by the routing module to determine the routing objects that determine potential ~~recieve4rs~~ receivers of messages to be distributed between applications according to the current business scenario, the accessing of the integration repository occurring prior to the polling by the first adapter.

Reasons for Allowance

The following is an examiner's statement of reasons for allowance:

Claims 3-10, 19-25 are allowed. The prior art of record does not teach the claimed invention, as follows.

For independent claims 7, 20, 21, the prior art does not teach polling, at the sender's side, receiving application's file format and comparing the file formats of the sending and receiving applications before transporting the sender's file through a XML application integration system. If the formats are the same, only wrapping is required on the sender's file, therefore reducing the requirement of converting the sender's file to XML.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure is included in form PTO 892.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hieu T. Hoang whose telephone number is 571-270-1253. The examiner can normally be reached on Monday-Thursday, 8 a.m.-5 p.m., EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Thu Nguyen can be reached on 571-272-6967. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

HH

/Kenny S Lin/

Primary Examiner, Art Unit 2452